

IN THE CLAIMS

1. (Previously presented) A method of treating bacterial vaginal infection, comprising orally administering to a woman having said vaginal infection a therapeutically effective amount of at least one probiotic organism and a pharmaceutically acceptable or food grade carrier.

2. (Original) The method of Claim 1 further comprising the administration of a therapeutically effective amount of a second probiotic organism.

3. (Original) The method of Claim 1 wherein said probiotic organism is a *Lactobacillus*.

4. (Cancelled)

5. (Original) The method of Claim 1 wherein said probiotic organism is selected from the group consisting of *L. rhamnosus*, *L. acidophilus*, *L. fermentum*, *L. casei*, *L. reuteri*, *L. crispatus*, *L. plantarum*, *L. paracasei*, *L. jensenii*, *L. gasseri*, *L. cellobiosus*, *L. brevis*, *L. delbrueckii*, *L. helveticus*, *L. salivarius*, *L. collinoides*, *L. buchneri*, *L. rogosa*, or *L. bifidum*.

6. (Cancelled)

7. (Original) The method of Claim 5 further comprising administration of a combination of *L. fermentum* RC-14 and *L. rhamnosus* GR-1.

8. (Original) A method of treating vaginitis comprising orally administering at least one probiotic organism to a patient in need thereof and a pharmaceutically acceptable carrier.

9. (Original) The method of Claim 8 further comprising administration of a therapeutically effective amount of at least one second probiotic organism.

10. (Original) The method of Claim 8 wherein said probiotic organism is a *Lactobacillus*.

11. (Cancelled)
12. (Original) The method of Claim 8 wherein said probiotic organism is selected from the group consisting of *L. rhamnosus*, *L. acidophilus*, *L. fermentum*, *L. casei*, *L. reuteri*, *L. crispatus*, *L. plantarum*, *L. paracasei*, *L. jensenii*, *L. gasseri*, *L. cellobiosus*, *L. brevis*, *L. delbrueckii*, *L. helveticus*, *L. salivarius*, *L. collinoides*, *L. buchneri*, *L. rogosa*, or *L. bifidum*.
13. (Cancelled)
14. (Original) The method of Claim 12 further comprising administration of a combination of *L. fermentum* RC-14 and *L. rhamnosus* GR-1.
15. (Original) A method of reducing candida colonization comprising orally administering a therapeutically effective amount of at least one probiotic organism to a patient in need thereof and a pharmaceutically acceptable carrier.
16. (Original) The method of Claim 15 further comprising administration of a therapeutically effective amount of at least one second probiotic organism.
17. (Original) The method of Claim 15 wherein said probiotic organism is a *Lactobacillus*.
18. (Cancelled)
19. (Original) The method of Claim 15 wherein said probiotic organism is selected from the group consisting of *L. rhamnosus*, *L. acidophilus*, *L. fermentum*, *L. casei*, *L. reuteri*, *L. crispatus*, *L. plantarum*, *L. paracasei*, *L. jensenii*, *L. gasseri*, *L. cellobiosus*, *L. brevis*, *L. delbrueckii*, *L. helveticus*, *L. salivarius*, *L. collinoides*, *L. buchneri*, *L. rogosa*, or *L. bifidum*.
20. (Cancelled)
21. (Original) The method of Claim 15 further comprising administration of a combination of *L. fermentum* RC-14 and *L. rhamnosus* GR-1.

22. (Original) A pharmaceutical composition consisting of *L. rhamnosus* GR-1 and *L. fermentum* RC-14 and a pharmaceutically acceptable carrier.

23. (Original) A method of treating bacterial vaginosis comprising orally administering a therapeutically effective amount of at least one probiotic organism and a pharmaceutically acceptable carrier.

24. (Original) The method of Claim 23 further comprising the administration of a therapeutically effective amount of at least one second probiotic organism.

25. (Original) The method of Claim 23 wherein said probiotic organism is a *Lactobacillus*.

26. (Cancelled)

27. (Original) The method of Claim 23 wherein said probiotic organism is selected from the group consisting of *L. rhamnosus*, *L. acidophilus*, *L. fermentum*, *L. casei*, *L. reuteri*, *L. crispatus*, *L. plantarum*, *L. paracasei*, *L. jensenii*, *L. gasseri*, *L. cellobiosus*, *L. brevis*, *L. delbrueckii*, *L. helveticus*, *L. salivarius*, *L. collinoides*, *L. buchneri*, *L. rogosa*, or *L. bifidum*.

28. (Cancelled)

29. (Original) The method of Claim 23 further comprising administration of a combination of *L. fermentum* RC-14 and *L. rhamnosus* GR-1.